SHEET 1 OF 3

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
1005-DJDSERIAL NO.
09/176,587INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANT
DUPRAYFILING DATE
October 21, 1998GROUP ART
3662

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
DP	1.	6,324,404	11/27/2001	Dennison et al.	455	456	
	2.	6,321,092	11/20/2001	Fitch et al.	455	456	
	3.	6,249,245	6/19/2001	Watters et al.	342	357.03	
	4.	6,034,635	3/7/2000	Gilhousen	342	457	
	5.	5,966,658	10/12/1999	Kennedy, III et al.	455	426	
	6.	5,903,844	5/11/1999	Bruckert et al.	455	456	
	7.	5,864,755	1/26/1999	King et al.	455	404	
	8.	5,774,869	6/30/1998	Toader	705	10	
	9.	5,742,509	4/21/1998	Goldberg et al.	364	449.5	
	10.	5,732,074	3/24/1998	Spaur et al.	370	313	
	11.	5,710,758	1/20/1998	Soliman et al.	370	241	
	12.	5,675,344	10/7/1997	Tong et al.	342	457	
	13.	5,611,704	3/18/1997	Kamizono et al.	439	164	
	14.	5,610,815	3/11/1997	Gudat et al.	364	424.027	
	15.	5,600,705	2/4/1997	Maenpaa	379	58	
	16.	5,555,257	9/10/1996	Dent	370	95.1	
	17.	5,395,366	3/7/1995	D'Andrea et al.	604	890.1	
	18.	5,392,052	2/21/1995	Eberwine	342	357	
	19.	5,111,209	5/5/1992	Toriyama	342	357	
	20.	4,721,958	1/26/1998	Jenkin	342	13	
DP	21.	08/191,984		Loomis et al.	342	357	2/22/94

EXAMINER

DATE CONSIDERED

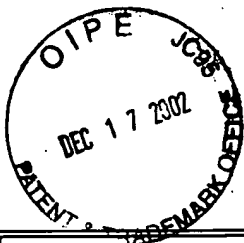
4/6/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

DEC 20 2002

OFFICE OF PETITIONS

SHEET 2 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1005-DJD	SERIAL NO. 09/176,587
	APPLICANT DUPRAY	
	FILING DATE October 21, 1998	GROUP ART 3662

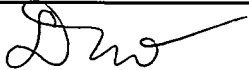
--	--	--	--	--	--	--	--

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
DP	22.	WO 01/95642	Dec. 13, 2001	PCT	H04Q			
DP	23.	WO 98/10307	Mar. 12, 1998	PCT	G01S	3/02		
DP	24.	WO 97/01228	Jan. 9, 1997	PCT	H04B	7/28		
DP	25.	WO 96/14588	17/5/1996	PCT	G01S	5/02		

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

DP	26.	Rizzo et al.; "Integration of Location Services in the Open Distributed Office"; <i>Technical Report 14-94, Computing Laboratory, University of Kent, Canterbury, United Kingdom</i> ; August 1994; pgs. 1-14
↑	27.	Caffery, J. and Stüüber, G. L., "Vehicle Location and Tracking for IVHS in CDMA Microcells," <i>International Symposium on Personal, Indoor, and Mobile Radio Communications</i> , pp. 1227-1231, September 1994.
	28.	Caffery et al.; "Radio Location in Urban CDMA Microcells"; <i>International Symposium on Personal, Indoor, and Mobil Radio Communications</i> , September 1995; 5 pgs.
	29.	Beck et al.; "Simulation Results on the Downlink of a Qualcomm-like DS-CDMA-System Over Multipath fading channels"; September 1994 pgs. 1-7
	30.	Pop et al.; "Site Engineering for Indoor Wireless Spread Spectrum Communications"; June 2001; 3 pgs.
↓	31.	Caffery et al.; "Overview of Radiolocation in CDMA Cellular Systems"; <i>IEEE Communications Magazine</i> ; April 1998; pgs. 38-45
DP	32.	Salcic; "AGPCS - An Automatic GSM-based Positioning and Communication System" <i>Proceedings of GeoComputation 1997 & SIRC 1997</i> ; August, 1997; pgs. 15-22

EXAMINER 	DATE CONSIDERED 4/6/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

RECEIVED

DEC 20 2002

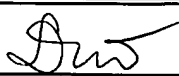
OFFICE OF PETITIONS

SHEET 3 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1005-DJD	SERIAL NO. 09/176,587
	APPLICANT DUPRAY	
	FILING DATE October 21, 1998	GROUP ART 3662

DP	33.	Ramanathan et al.; "A Survey of Routing Techniques for Mobile Communications Networks"; <i>Mobile Networks and Applications</i> ; October 1996; Vol. 1(2); pgs. 1-31
DP	34.	Pending Claims only: U.S. Patent Application Serial No. 10/262,413 filed September 30, 2002 entitled "WIRELESS LOCATION USING HYBRID TECHNIQUES," which is a continuation of the above listed 09/194,367 filed November 24, 1998 entitled "WIRELESS LOCATION USING MULTIPLE MOBILE STATION LOCATION TECHNIQUES," which is the U.S. National Phase Application of International Application Serial No. PCT/US97/15892 with International Filing Date of September 8, 1997, which was published under International Publication No. WO 98/10307 with an International Filing Date of March 12, 1998 (Copy of specification submitted previously in IDS.) (1003-2)
DP	35.	Pending Claims only: U.S. Patent Application Serial No. 10/262,338 filed September 30, 2002 entitled "WIRELESS LOCATION USING SIGNAL DIRECTION AND TIME DIFFERENCE OF ARRIVAL," which is a continuation of the above listed U.S. Patent Application Serial No. 09/194,367 filed November 24, 1998 entitled "WIRELESS LOCATION USING MULTIPLE MOBILE STATION LOCATION TECHNIQUES," which is the U.S. National Phase Application of International Application Serial No. PCT/US97/15892 with International Filing Date of September 8, 1997, which was published under International Publication No. WO 98/10307 with an International Filing Date of March 12, 1998 (Copy of specification submitted previously in IDS.) (1003-3)

RECEIVED
DEC 20 2002
OFFICE OF PETITIONS

EXAMINER 	DATE CONSIDERED 4/6/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



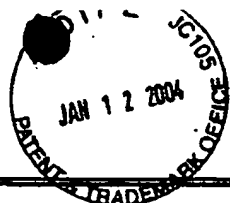
SHEET 1 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1005-DJD	SERIAL NO. 09/176,587
	APPLICANT DUPRAY	
	FILING DATE October 21, 1998	GROUP ART 3662

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
DP	1.	6,549,130	4/15/03	JOAO	340	539	
	2.	6,381,464	4/30/02	VANNUCCI	455	456	
	3.	6,330,452	12/11/01	FATTOUCHE et al.	455	456	
	4.	6,243,587	6/5/01	DENT et al.	455	456	
	5.	6,240,285	5/29/01	BLUM et al.	455	404	
	6.	5,917,405	6/29/99	JOAO	340	426	
	7.	5,845,267	12/1/98	RONEN	705	40	
	8.	5,809,415	9/15/98	ROSSMANN	455	422	
	9.	5,799,016	8/25/98	ONWELLER	370	401	
	10.	5,787,354	7/28/98	GRAY et al.	455	456	
	11.	5,774,805	6/30/98	ZICKER	455	426	
	12.	5,764,756	6/9/98	ONWELLER	379	242	
	13.	5,742,905	4/21/98	PEPE et al.	455	461	
	14.	5,724,648	3/3/98	SHAUGHNESSY et al.	455	56.1	
	15.	5,594,782	1/14/97	ZICKER et al.	379	63	
	16.	5,594,425	1/14/97	LADNER et al.	340	825.06	
	17.	5,588,038	12/24/96	SNYDER	379	57	
	18.	5,563,931	10/8/96	BISHOP et al.	379	59	
DP	19.	5,513,243	4/30/96	KAGE	379	58	

EXAMINER <i>Dms</i>	DATE CONSIDERED 4/6/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SHEET 2 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1005-DJD	SERIAL NO. 09/176,587
	APPLICANT DUPRAY	
	FILING DATE October 21, 1998	GROUP ART 3662

DP	20.	5,473,602	12/5/95	MCKENNA et al.	370	60	
	21.	5,119,104	6/2/92	HELLER	342	450	
	22.	4,542,744	9/24/85	BARNES et al.	128	660	
	23.	3,646,580	2/29/72	FULLER et al.	325	53	
	24.	09/230,109	—	—	—	—	
	25.	10/297449	—	—	—	—	
DP	26.	10/337807	—	—	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
DP	27.	WO 97/41654	11/6/97	PCT	H04H 1	00		
DP	28.	WO 97/50002	12/31/97	PCT	G01S 3	02		
DP	29.	WO 94/15412	7/7/94	PCT	H04B 7	185		
DP	30.	WO 94/11853	5/26/94	PCT	G08G 1	0968		

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

DP	31.	Kennemann, Orlin, "Continuous Location of Moving GSM Mobile Stations by Pattern Recognition Techniques," Fifth IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC '94), pp. 630-634, IEEE, Sept. 1994.
DP	32.	Schopp, Michael, "User Modelling and Performance Evaluation of Distributed Location Management for Personal Communications Services," Proceedings of the 15th International Teletraffic Congress (ITC) 15, Washington, D.C., 1997, S. 23-34.
DP	33.	Smith, Jr., "Passive Location of Mobile Cellular Telephone Terminals," IEEE, CH3031-2/91/0000-0221; 1991 pp. 221-225

EXAMINER 	DATE CONSIDERED 4/6/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	